



Anatomy of a CNG Project

May 24,
2016
Fueling the
Future



**How to Go About Planning and
Assessing C_{NG} for Your Fleet**

Goals? What do we want to accomplish?



You need to look at several factors...



Become your own expert

**Use existing resources: Clean Cities Coalition, other fleets
who've done it, a fleet consultant...**

Ask Ask ASK!!! Questions

Be Highly Skeptical:



Insist on Hard Answers and Evidence:



What am I looking at?

How does my fleet operate?

What kind of annual mileage do vehicle groups have?

Do the vehicles come back to the same place/s every night?

Is there an existing station nearby or on part of my route?

Interstate example- Wegmans goes between PA and Central NY

Light Duty – pickups, vans...



Heavy Duty – work trucks, trailers, buses

Do I want to do part of the fleet, or a larger project?



Success Depends on good planning

Plan ahead for grants- do engineering analysis and line up partners ahead of time



A mix of strategies:

**CNG, fuel economy, optimizing
vehicle selection, fuel
economy, eco-driving and
biofuels**

Station Sizes



Time Fill can be very cost effective and you can use a commercial station for backup- perfect for fleets which return to same staging location nightly



Fast Fill- preferable for larger fleets, larger vehicles. Often used for waste haulers, highway trucking. Higher level commitment both operationally and financially



Outcome- Cleaner Air,
Domestic Fuel Security and
more dependable and
trackable fuel costs



Planning for the future- **Priceless**



Rhea Courtney Bozic

Fleet Consultant

**Technical expert for planning alt
fuel stations and sustainable fleet
studies**

www.greeningyourfleet.com

Bay Shore, NY

Office: 631-665-6513

Cell: 631-662-6511